



Get Some Protection for Your Pocket PC

Vulnerable Data Stored on a Pocket PC

According to a survey conducted recently by market research firm TNS NFO, 74.6% of handheld or smart phone users either do not have, or do not know whether they have, any security protection on their PDA.

For individual users this might mean someone getting access to their credit card information or social security numbers. The same TNS NFO survey showed that nearly 40 percent of handhelds and Smartphones contain credit card numbers.

For corporations it could expose a huge range of sensitive information from emails to contact information, financial data or even worse. A mobile device that is connected to a corporate network can be a source of significant risk to the company. A stolen Wi-Fi-enabled handheld without proper security could be used by almost anyone to access a company's wireless network from the parking lot.

Most Pocket PCs are therefore vulnerable to having their data compromised if the Pocket PC is accessed by an unauthorized user. While all Pocket PCs do have a password keylock application built in, in practice they are rarely used and easily disabled.

Password Protection That Works

Omega One, a leading provider of applications for Pocket PCs, offers a security application, **1-Pass**, that protects the Pocket PC from unauthorized use.

1-Pass was designed with enterprise security concerns forefront. It was also designed to be easy enough to use to not frustrate users by continually having to enter a password to get to any of their data. It offers several new and innovative features not available as part of the inbuilt password tool offered in Windows Mobile.

1-Pass Cannot be Disabled or Removed by Users

During installation a system administrator can set up **1-Pass** so it cannot be disabled by the user. The current password protection program in Windows Mobile can be disabled by the user, rendering the device open to access by anyone. While this might frustrate some users it protects valuable corporate data. Also 1-Pass cannot be removed by Users.

Hard Reset Protection

To prevent unauthorized users from simply trying to guess the password **1-Pass** allows the administrator to set an option to hard reset the device after a certain number of invalid password attempts.

Fast Password Entry

Two separate password entry mechanisms are available, either using the screen and stylus, or using innovative technology; **1-Pass** also allows the user to use the physical buttons on the Pocket PC to enter their password. In tests, entering a **4 digit** password using the standard screen based password program took **7 seconds**. With 1-Pass, entering a **6 button** password took just **2 seconds**. If the user doesn't like using the physical buttons to enter the password, **1-Pass** offers the standard password entry using the numeric buttons on the Pocket PC screen. The biggest single reason people don't like or use password programs is the time required to enter the password. These improved password entry features have led to many users of **1-Pass** telling us that this is the first password protection application they would actually use.

Don't Always Need to Use the Password

Many times users access their Pocket PC it is to find simple information, such as their next appointment, the current time, news headlines and other information etc. **1-Pass** can be configured to present this information on the password screen removing the need to enter the password for most often used information. The data that is made available on the password screen can be customized for individual users. There is no need to enter the password for this commonly used data, just turn on the device to get the information you need.

Choice of Passwords - Advanced Security

The standard Pocket PC password program only allows for 4 digit combinations. **1-Pass** allows password combinations between 1 to 20 letters / buttons. In addition a minimum password length can be set for both the button and keyboard entry. That provides over a trillion possible combinations. In addition, a variable length password means it's much harder for intruders to guess the password.

In addition we have provided Lock on Demand & Auto Lock features. Lock on Demand allows the user to lock their device with the simple press of a button. Auto Lock allows the device to automatically lock after a period of non-use, even when in the cradle. Desktop PCs are often set to lock after a period of time, yet Pocket PCs have not. **1-Pass** introduces this feature, which is enabled by pressing a button on the device.

What If The User Loses Their Pocket PC?

1-Pass provides the user name, telephone number and e-mail address on the password screen, so the device can be returned.

Administrator Access

1-Pass provides a set of tools for Administrators to customize the settings for their needs, such as setting the minimum password length. This 1-Pass Corporate compiler allows corporations complete flexibility and security of their devices. In addition there is an administrator backdoor password capability, to allow passwords to be unlocked by System Administrators if the user forgets both their passwords. The admin uses a unique key only known by them, the user's user name, and the current date to create the backdoor password, so there isn't one "master password" that can be used to unlock all devices. This allows companies to be confident that they are the only ones who know this 'super user' unlock key; not even Omega One can access their devices. This feature can be disabled if required.

Keylock

1-Pass offers a Keylock feature, just like on a mobile phone, which protects the device from inadvertently being turned on.

Enterprise Support

Omega One offers a comprehensive support package for enterprises. We can customize applications for specific needs. Omega One offers a variety of commercial packages for enterprises

About Omega One

Omega One is a Sammamish, WA based company, specializing in the development of applications for the Pocket PC and other devices. It has several best selling applications for the Pocket PC. Its two leading products, **Battery Pack** and **Journal Bar** have consistently been in the top five downloaded applications for the Pocket PC. More information on **Omega One** and its products can be found at www.omegaone.com.

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